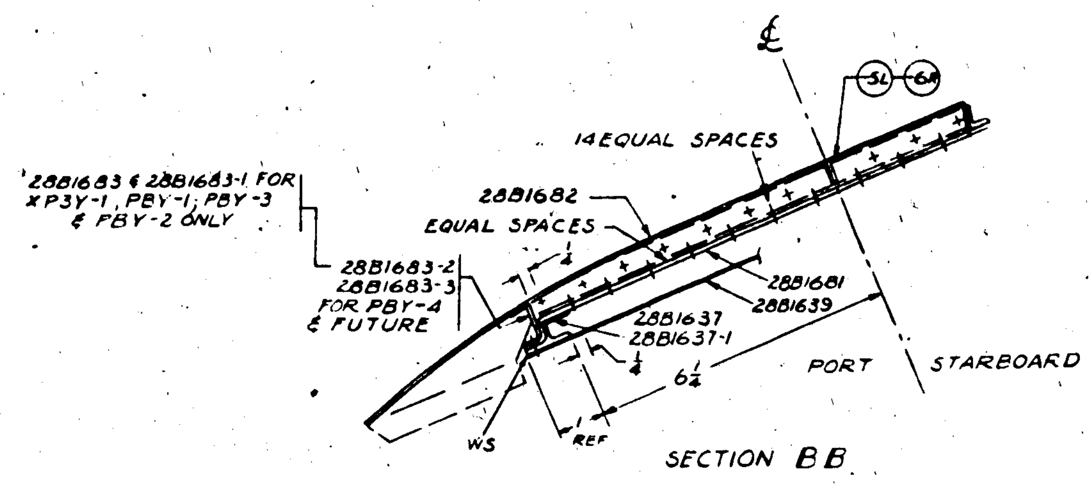
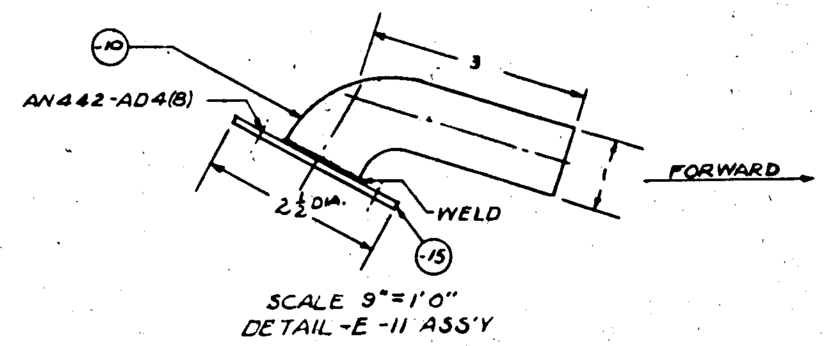
LET	ALTERATION	DATE	BY
AM	ON -15 IN 28M-11 SUB ASSY .051X2 5/8X2 5/8 AL AL SHEET 47A11 WAS .051X2 5/8X2 5/8 2S 1/2 H SHEET 47A2 1/2 H. ON -15 IN -20 SUB-ASSY .051X2 5/8X2 5/8 AL AL SHEET 47A11 WAS .051X2 5/8X2 5/8 2S SHT. 47A2 1/2 H. NO WT. CHG		

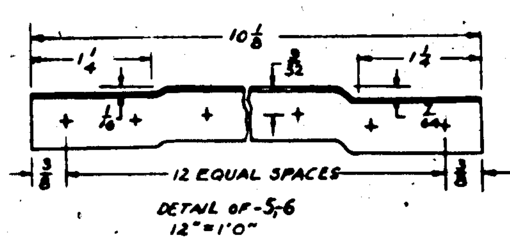
LET	ALTERATION	DATE	BY
AG	TRACED-NO WT. CHG.		
AH	28B1802-6 WAS 28B1802. NO WT CHG		
AJ	CREATED -20 SUBASSY WHICH CONSISTS OF -15 (.051X2 5/8X2 5/8 2S SHT. 47A2 1/2 H0) & -19 (1 OD X .049 X 32 5250 TUBING WW-T-787 1/2 H0) FOR PBY5A C. NO(S) 464 SHIPS #13 & ON. LIMITED 28B1680-7 (1) TO -50 -55 -60 -70 -75 & -80 ASSYS (C. NO(S) 464 SHIPS #1-12. ADDED 28B1680-8 (1) FOR C. NO(S) 464 SHIPS #13 & ON. AN746-9 (2) REPLACES NAF28462-4 (2). ADDED NOTE * LIMITS FOR -80 ASSY. USE -11 SUB-ASSY (1) AN746-9 (2) & 22Q180-8-3 (2) FOR PBY-5 C. 91876 #91 & ON & C. NO(S) 464 SHIPS #1-12, & -11 SUB ASSY (2) AN746-9 (4) & 22Q180-8-3 (2) FOR C. NO(S) 464 SHIP #13 & ON. -10 STOCK (1.00 X .049 X 5) WAS (1.00 X .049 X 23) - 80 WT 13.11 # WAS 13.27 #	9-24-41	
AK	SEC. A-A: ADDED NOTE FOR -18 "CEMENT & PRESS IN PLACE BETWEEN 28B5645-7 & 28B1090 FOR -70 -75 & -80 ASSYS ONLY" & ADDED -80 ASSY TO NOTE FOR -17. NO. WT. CHG.	9-24-41	
AL	ADDED NOTE 4 "WHERE NECESSARY ---- ASSEMBLY WATERTIGHT." WT. CHG. NEG.	9-14-43	E.O. 28B5645



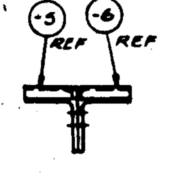
SECTION BB

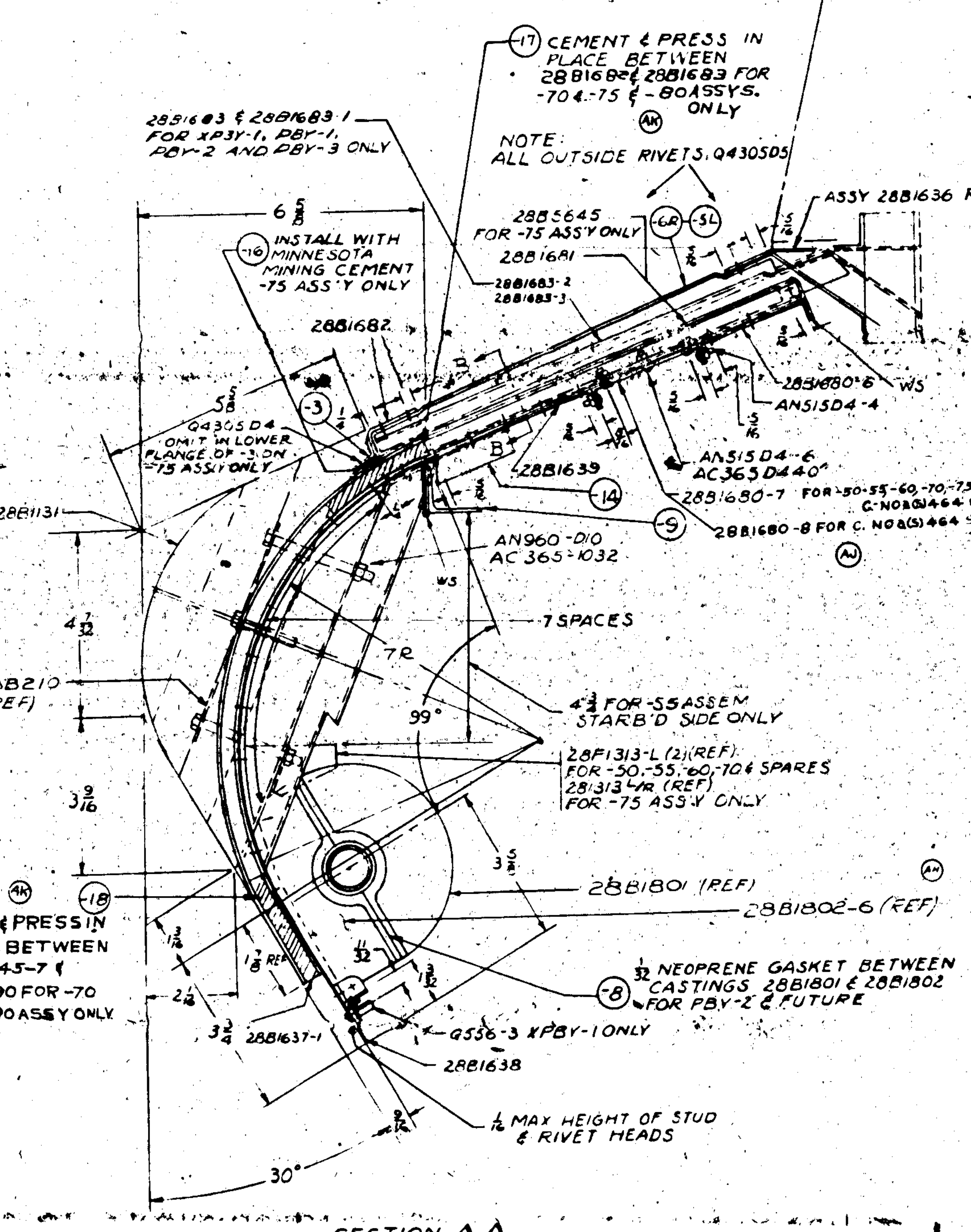


SCALE 9"=1'0"
DETAIL -E -11 ASS'Y

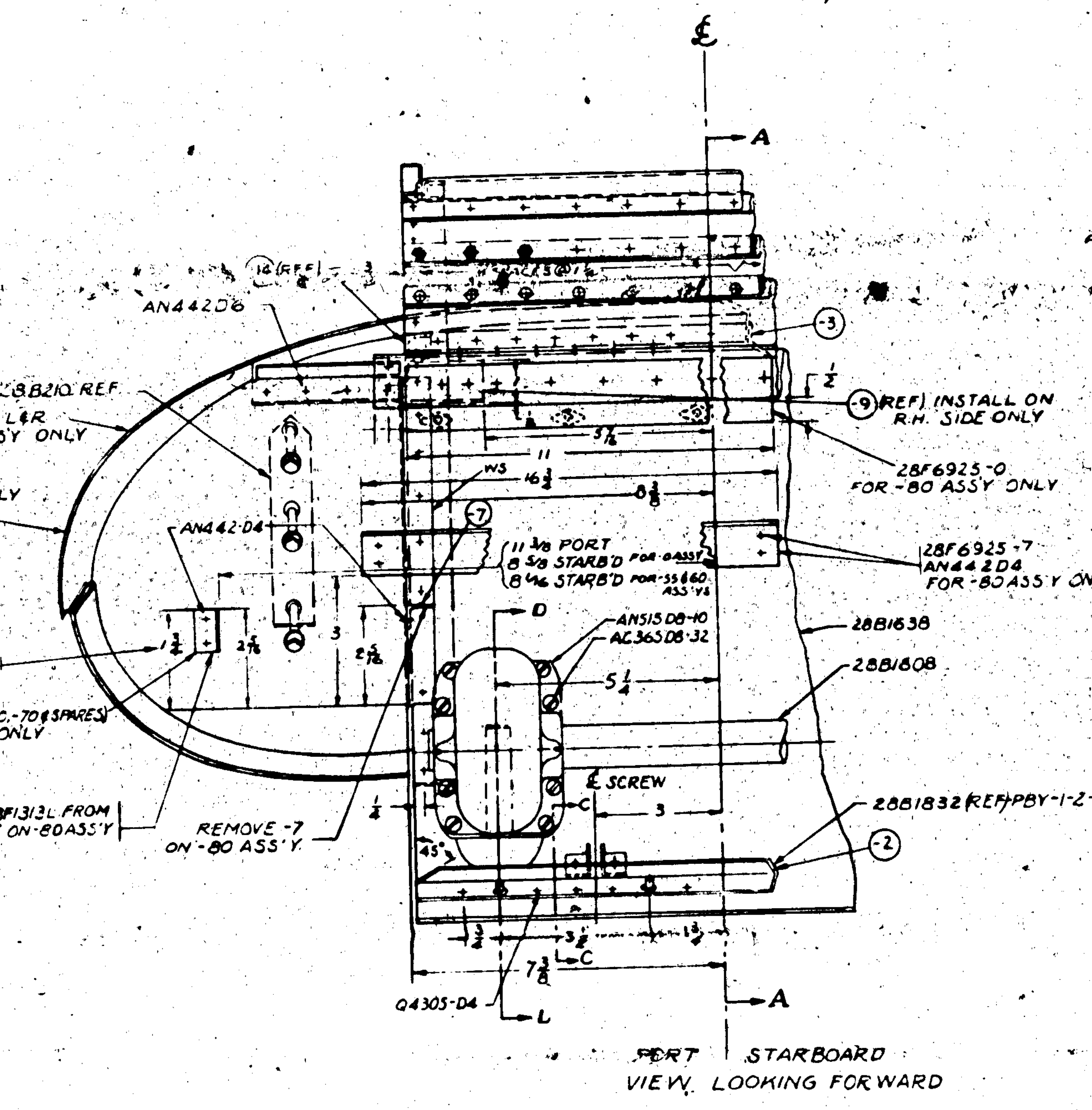


DETAIL OF -5-6
12"=1'0"





SECTION AA



VIEW LOOKING FORWARD

DETAIL -7
SCALE 12"=1'0"

PRICK PUNCH 4 PLACES

AN442-D4(8)
WELD
-15
-19
NOTE: TO BE BENT TO FIT AS PER FIRST SHIP ASSEMBLED

DETAIL G
-20 SUB ASSY
FOR PBY-5A C. NO(S) 464 #13 & ON
NOT TO SCALE

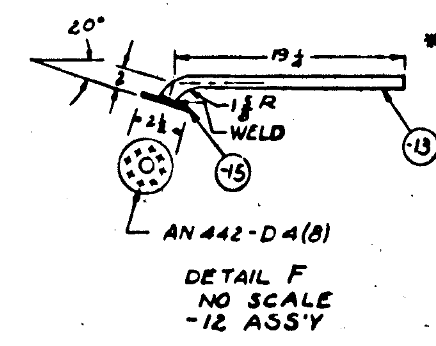
28B1818
XP3Y-1 ONLY
AN442D4

DETAIL -17
SCALE 12"=1'0"

DETAIL -18
SCALE 12"=1'0"

28B1801
WS
Q4305D4
28B1638
28B1802-6

SECTION DD
SCALE 12"=1'0"



AIR VENT
NOT DRAWN TO SCALE

NOTES
1. USE ZINC CHROMATE TAPE BETWEEN 28B1680-7 & -15 WHEN ASSEMBLED
2. SEAL WITH MARINE GLUE ON FINAL ASS'Y
3. ALL RIVETS ARE AN442D4 EXCEPT AS NOTED. RIVETS NOT DIMENSIONED SPACE EQUALLY AS SHOWN; W.S. WHERE NOTED.
4. WHERE NECESSARY APPLY MINNESOTA MINING CEMENT #EC 244 TO MAKE ASSEMBLY WATER TIGHT

20°
19 1/2
1 1/8 R
WELD
-15
-13
AN 442-D4(8)

DETAIL F
NO SCALE
-12 ASS'Y

* LIMITS FOR -80 ASSY
USE -11 SUB ASSY (1) AN746-9 (2) & 22Q180-8-30 FOR C. 91876 SHIP #91 & ON, & C. NO(S) 464 SHIPS #1 TO 12, & -11 SUB ASSY (2) AN746-9 (4), & 22Q180-8-3 (2) FOR C. NO(S) 464 #13 & ON.

SHIP #91 & ON CONT. #91876
SHIPS #1 TO 90 CONT #91876
HULL 460 & ON EXC. C. NO(S) 464 MCR 164-2 TO MCR 872 A
TO HULL #459
#74 & ON
#55 & ON
C70496 #125 & ON
#1-6
#1-54
CONT. 70496 #25-124
CONT. 70496, #1-24

ASSY DASH NO.	MODEL	NEXT ASSY	NO.
-80	PBY-5	28B5186	1
-75	PBY-5		1
-75	PBY-5B		1
-75	28-5AMN		1
-75	PBY-5A		1
-80	PBY-5A		1
-70	28-5AMC		1
-70	PBY-5A		1
-60	28-5MC		1
-60	28-5MN		1
-60	28-5MA		1
-60	28-5ME		1
-60	PBY-5		1
-55	28-5MA		1
-55	28-5ME		1
-55	PBY-5	28B5186	1
-55	PBY-5	28B1014	1
-50	XPB-5A	28B5106	1
	PBY-4	28B1014	1
	PBY-3	28B1014	1
	PBY-2	28B1014	1
	PBY-1	28B1014	1
	XP3Y-1		1

REQUIREMENTS PER AIRPLANE

REPLACES 28B1095 or 4-23-37
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 6"=1' & 12"=1'0"
STAMP PART NUMBER WHERE SHOWN

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE
WS	WATERTIGHT FAYING SURFACES

PART No.	STOCK	MATERIAL	SPEC	PBY1	XP3Y1	PBY2&3	-80	-70	-75	PBY4	-50	-55	-60	ZONE
-19	1 O.D. X .049 X 32	52 SO TUBING	WW-T-787 1/2 H	1										
-15	.051 X 2 5/8 X 2 5/8	AL AL SHEET 47A11		1										
-20 SUBASSY FOR PBY-5A (C. NO(S) 464 SHIP #13 & ON)														
28B1095-15	.051 X 2 5/8 X 2 5/8	AL AL SHT 47A11						1						
28B1095-10	1 X .049 X 5	5250	WW-T-787 1/2 H					1						
-11 SUB ASSEMBLY														
28B1095-15	.051 X 2 5/8 X 2 5/8	52 S0 SHT	47A2 1/2 H					1						
28B1095-13	1 X .049 X 23	5250	WW-T-787 1/2 H					1						
-12 SUB ASSEMBLY														
28B1680-7 (FOR -80 ASSY) C. NO(S) 464 #1-12 ONLY				1	1	1	1	1		1	1	1	1	
28B1095-20 SUBASSY FOR PBY-5A C. NO(S) 464 SHIP #13 & ON							1							
AN746-9							*	2	*		*			
28B1680-8 FOR C. NO(S) 464 SHIP #13 & ON							1							
AN442-D6														
AN442-4														
AN960-A8											1			
AC936B8											1			
Q308A16-8											1			
22Q180-8-3							*	1			1			
10556-3						1								
Q4305-D4														
AC365D440				30	30	30								
AC365D8-32				16		16	16	16	16	16	16	16	16	
AC365-1032				6	6	6	6	6	6	6	6	6	6	
AN960-D10				6	6	6	6	6	6	6	6	6	6	
AN515-D8-10				16		16	16	16	16	16	16	16	16	
AN515D4-6				30	30	6	6	6	6	6	6	6	6	
AN515D4-4						24	24	24	24	24	24	24	24	C-6
28B1683-1				1	1	1								C-6
28B1683				1	1	1								D-5
28F1313-L				2		2	2	2	2	2	2	2	2	C-3
28F6925-7							1							
28F6925							1							C-3
28B5645							1		1					C-6
28B5211-R								1					1	C-5
28B5211-L							1	1	1				1	C-5
28B1808				1		1	1	1	1	1	1	1	1	B-3
28B1802-6				2		2	2	2	2	2	2	2	2	E-5
28B1801				2		2	2	2	2	2	2	2	2	E-5
28B1755-1				1		1				1	1	1		
28B1755				1		1	1	1	1	1	1	1	1	
28B1683-3							1	1	1	1	1	1	1	C-6
28B1683-2							1	1	1	1	1	1	1	C-6
28B1682				1	1	1	1	1	1	1	1	1	1	A-6
28B1681				1	1	1		1		1	1	1	1	B-6
28B1680-6				2	2	2	1	1	1	1	1	1	1	C-6
28B1639				1	1	1	1	1	1	1	1	1	1	C-6
28B1638				1	1	1	1	1	1	1	1	1	1	C-3, D-3
28B1637-1				1	1	1	1	1	1	1	1	1	1	D-7 A-6
28B1637				1	1	1	1	1	1	1	1	1	1	A-6
28B1313-R							1		1					A-6
28B1313-L							2	2	1			2	2	
28B1131				1	1	1	1	1	1	1	1	1	1	C-7
28B1818					1									E-2
28B1095-18	2 1/4 X 1 X 3/4	VIBRACORK	32C5C				2	2	2				2	D-7
-17	2 1/4 X 1 X 1/2	VIBRACORK	32C5C				2	2	2				2	C-6
-16	1/32 X 3/4 X 14	NEOPRENE	N-11				1		1					C-7
-14	K13624 X 2	AL AL ANGLE	46A9				1	1	1			1	1	C-6
-9	K76Y X 2	AL AL ANGLE	46A9				1	1	1			1	1	C-6
-8	1/32 X 1 3/4 X 43.5	NEOPRENE	COMM			4	4	4	4	4	4	4	4	D-6
-7	K6240 X 1 3/8	AL AL ANGLE	46A9	1		1	1	1	1	1	1	1	1	C-4
-6	K6240 X 10 1/4			1	1	1	1	1	1	1	1	1	1	A-6
-5	K6240 X 10 1/4			1	1	1	1	1	1	1	1	1	1	A-6
28B1095-3	K9876 X 13 5/8	AL AL ANGLE	46A9	1	1	1	1	1	1	1	1	1	1	C-3
28B1095-2	K6240 X 14 1/2	AL AL ANGLE			1									D-3
28B1095-12	SUB ASSEMBLY						1	1	1	1	1	1	1	E-3
28B1095-11	SUB ASSEMBLY						*	1	1		1			B-5

PARTS LIST PER ASSY.

A6 ~ | ~ | 3-3-36 | 5-3-37
NAVY NOTED | GP, ZP & NOTED
HEAT TREAT | FINISH
DRAFT | CHECK | STRUCT | MAT | APPROV | ENG
OPP HAND
NAME BUMPER - SUPPORT ASSEMBLY - HULL
CONSOLIDATED VULTEE AIRCRAFT CORP. SAN DIEGO DIVISION SAN DIEGO, CALIF.
J 28B1095

H 81

R 28B1095